

Docket No. PAT025US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION:  
Graham McElhinney

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EXAMINER: Unknown

SERIAL NO.

GROUP ART UNIT: Unknown

FILED:

FOR: WELL TWINNING  
TECHNIQUES IN BOREHOLE  
SURVEYING

Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicant lists below the following references believed to be relevant to the subject matter of the above-identified application:

	<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
1.	5,675,488	10-07-1997	McElhinney
2.	6,321,456 B1	11-27-2001	McElhinney
3.	6,480,119 B1	11-12-2002	McElhinney
4.	2002/0144417 A1	10-10-2002	Russell et al.

FOREIGN PATENTS

1.	WO 00/11316	03-02-2000	McElhinney
2.	EP 0 682 269 A2	11-15-1995	McElhinney

OTHER DOCUMENTS

1. BERGER, P.E. and SELE, R., "Improving Wellbore Position Accuracy of Horizontal Wells by Using A Continuous Inclination Measurement From A Near Bit Inclination MWD Sensor," 1998 Society of Petroleum Engineers Annual Technical Conference on Horizontal Well Technology held in Calgary, Alberta, Canada, 1-4 November, 1998, SPE 50378.
2. MCELHINNEY, GRAHAM and SOGNES, ROAR, "Case Histories Demonstrate A New Method For Well Avoidance And Relief Well Drilling," 1997 Society of Petroleum Engineers, SPE/IADC 37667, Richardson, Texas, U.S.A.

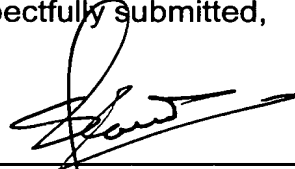
Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Information Disclosure Statement.

This Information Disclosure Statement is being filed **within** three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application.

Respectfully submitted,

Date: \_\_\_\_\_

11/11/03

  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Complete if Known**

Application Number

Filing Date

**First Named Inventor**

MCELHINNEY, Graham
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Art Unit

Examiner Name

Attorney Docket Number

PAT025US

Sheet	1	of	1
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Country Code-Number-Kind Code				
	AE	WO-0011316	03-02-2000	McElhinney		
	AF	EP0682269-A2	11-15-1995	McElhinney		

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>1</sup>
	AG	BERGER, P.E. and SELE, R., "Improving Wellbore Position Accuracy of Horizontal Wells by Using A Continuous Inclination Measurement From A Near Bit Inclination MWD Sensor," 1998 Society of Petroleum Engineers Annual Technical Conference on Horizontal Well Technology held in Calgary, Alberta, Canada, 1-4 November, 1998, SPE 50378.	
	AH	MCELHINNEY, GRAHAM and SOGNES, ROAR, "Case Histories Demonstrate A New Method For Well Avoidance And Relief Well Drilling," 1997 Society of Petroleum Engineers, SPE/IADC 37667, Richardson, Texas, U.S.A.	

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

<sup>1</sup>Applicant is to place a check mark here if English language Translation is attached.